

## Observations of Minor Planets with the Transit-Circle at Dublin (Dunsink).

(Communicated by Dr. Robert S. Ball.)

(9) *Metis*.

1875.	Mean Time, Dublin.	$\alpha$ (App.)	$\delta$ (App.)	Par.	Obs. - Eph. $\Delta\alpha$	$\Delta\delta$	Mag.	Remarks.
	h m s	h m s	° ' "	"	"	"		
Sept. 10	12 54 12	0 12 50.12	- 8 59 44.6	+ 6.1	-2.46	-14.8	...	
"	11 12 49 25	0 11 59.61	- 9 5 37.1	+ 6.1	-2.27	-16.1	9.0	
"	12 12 44 38	0 11 7.77	- 9 11 28.2	+ 6.1	-2.49	-18.0	9.0	
"	13 12 39 50	0 10 15.50	- 9 17 13.1	+ 6.1	-2.29	-16.3	9.1	
"	20 12 5 54	0 3 59.72	- 9 55 43.2	+ 6.2	-2.44	-16.1	8.6	[ <i>Eurydice</i> . Reddish; certainly far redder than
"	28 11 26 52	23 56 13.81	-10 32 51.3	+ 6.3	-2.31	-15.5	9.0	Blue.

(75) *Eurydice*.

Sept. 10	12 41 7	23 59 43.04	- 1 22 57.0	+ 8.3	+ 1.06	+ 7.9	9.6	
"	11 12 36 23	23 58 55.52	- 1 22 57.8	+ 8.3	+ 1.10	+ 6.2	10.2	
"	12 12 31 39	23 58 7.15	- 1 23 0.4	+ 8.3	+ 0.98	+ 5.3	9.6	
"	13 12 26 55	23 57 18.30	- 1 23 2.7	+ 8.3	+ 0.99	+ 7.0	9.5	Moon near; very faint.
"	20 11 53 33	23 51 27.12	- 1 24 12.1	+ 8.2	+ 0.87	+ 7.3	8.8	Bluish.

1875.	Mean Time, Dublin	$\alpha$ (App.)	$\delta$ (App.)	(iii) <i>Ate.</i>		Mag.	Remarks.
				Par.	Obs.—Eph. $\Delta\alpha$ s		
		h m s	° ' "	"	"	"	
Nov. 7	11 54 43	3 1 51.85	+25 38 13.5	+2.8	+3.59	9.7	...
"	11 34 59	2 57 51.20	+25 21 5.5	+2.9	+3.59	8.4	10.1
(97) <i>Clotho.</i>							
Nov. 11	11 59 57	3 22 53.29	— 3 23 59.2	+7.2	+8.03	+26.8	...
"	11 45 54	3 20 37.71	— 3 41 58.7	+7.2	+8.22	+26.3	9.1
(113) <i>Pyraia.</i>							
Nov. 7	12 25 1	3 32 14.51	+23 29 37.4	13.0	+1.17	6.7	...

The Right Ascensions are based on the *Greenwich Catalogue* for 1864.0, and the Declinations on the Catalogue of the *Vierteljahrsschrift* of the "Astronomische Gesellschaft." The comparisons have been made with the Ephemerides of the *Berliner Jahrbuch*. The observations were made by Dr. R. Copeland.